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## **Design of Human-Machine Interaction and routing for In-Vehicle Information Systems**

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The following reports were prepared by the Transport Research Laboratory (TRL) for the Department for Transport. They relate to safety of human-machine interaction and navigation routing strategies of In-Vehicle Information Systems (IVIS), and provide guidance and design checklists. The reports are available for free in PDF format from the referenced pages, or may be searched for on the TRL website using the given reference numbers.

Title	Year	Reference number	Web address
A safety checklist for the assessment of in-vehicle information systems: a user's manual	1999	PA3536/99	<a href="http://www.trl.co.uk/store/report_detail.asp?srid=5481&amp;pid=108">http://www.trl.co.uk/store/report_detail.asp?srid=5481&amp;pid=108</a>
Design guidelines for safety of in-vehicle information systems	2002	PA3721/01	<a href="http://www.trl.co.uk/store/report_detail.asp?srid=5482&amp;pid=108">http://www.trl.co.uk/store/report_detail.asp?srid=5482&amp;pid=108</a>
Design guidelines for usability and safety of In-Vehicle Information System (IVIS) user manual	2004	PPR008	<a href="http://www.trl.co.uk/store/report_detail.asp?srid=5391&amp;pid=108">http://www.trl.co.uk/store/report_detail.asp?srid=5391&amp;pid=108</a>
In-Vehicle Information System (IVIS) user manual usability and safety checklist	2004	PPR009	<a href="http://www.trl.co.uk/store/report_detail.asp?srid=5392&amp;pid=108">http://www.trl.co.uk/store/report_detail.asp?srid=5392&amp;pid=108</a>
Guidelines for safe and effective vehicle routing	2006	PPR091	<a href="http://www.trl.co.uk/store/report_detail.asp?srid=5452&amp;pid=108">http://www.trl.co.uk/store/report_detail.asp?srid=5452&amp;pid=108</a>
Routing assessment of dynamic route guidance systems	2006	PPR093	<a href="http://www.trl.co.uk/store/report_detail.asp?srid=5453&amp;pid=108">http://www.trl.co.uk/store/report_detail.asp?srid=5453&amp;pid=108</a>

**For related documents, pages and internet links, see the column on the right.**